NewWave™ FLNG, the result of several years of collaborative work, it brings substantial cost and schedule savings through a reduction of project complexity and an improvement in project certainty.

LNG production from a referenced hull is doubled to above 7 Mtpa, with adapted Offloading. The intensified cold section generates more revenue per unit of platform deck area while the reduction in MR inventory improves safety.

Topsides include four Megamodules™ for pre-treatment, liquefaction (2x50%) and utilities. Hull, modules and equipment sub-assemblies are built in locations selected to allow the best use of available skills.

Finalized rotating equipment sub-assemblies can be string tested at the manufacturers premises without post-test disassembly, reducing schedule. Pre-commissioning of complete modules on the quayside greatly reduces costly on-deck hook-up and commissioning.

Plug & Play Megamodules™ are Completed and pre-commissioned at grade to minimize carryover work and integration, reducing CapEx and de-risking schedule. Interfaces between hull and topsides are reduced, for example through new strategies for process cooling.

Air Product Intensified DMR™ Process is the best of the class for process efficiency, compactness and FLNG equipment weight reduction.

BHGE LM9000 is the best of the class for mechanical efficiency, compactness and operation flexibility.

ROBERTM2@airproducts.com  
sebastien.maufrais@technipfmc.com  
dominique.gadelle@technipfmc.com  
giuseppe.gugliotta@bhge.com